

Application No.: 10/010254
Group Art Unit: 1732

Docket No.: STW-025

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-8 and amend claim 10 as follows.

Listing of the claims:

1-8. (canceled)

9. (previously presented) A method for fabricating a seal-integrated separator for a fuel cell, said seal-integrated separator including a separator body and an inner seal and an outer seal which are integrated on both sides of said separator body and which are disposed, on the same surface of said separator body and side by side, around an electrode's reaction surface during use, comprising the steps of:

forming a through hole in said separator body;

providing a first mold having grooves respectively positioned corresponding to said inner and outer seals disposed on one side of said separator body, a connecting cavity for forming a seal bridge at least partially connecting said inner and outer seals to each other at a position corresponding to said through hole, a first gate communicating with each of said grooves, and a second gate separately formed from said first gate so as to directly communicate with said through hole, and a second mold having grooves respectively positioned corresponding to said inner and outer seals disposed on the other side of said separator body, and a connecting cavity for forming a seal bridge at least partially connecting said inner and outer seals to each other at a position corresponding to said through hole;

holding said separator body between said first mold and said second mold and making said second gate directly communicate with said through hole; and

injecting melted seal material to form said seals into said connecting cavity and into each of said grooves in said first mold by supplying said melted seal material into said first gate, and injecting said melted seal material into said connecting cavity and into each of said grooves in said second mold via said through hole by supplying said melted seal material into said second gate.

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10. (currently amended) A method according to claim 1-9, wherein said melted seal material is separately supplied into each of said grooves corresponding to said inner and outer seals.

11. (original) A method according to claim 10, wherein said first gate is connected to a portion of each of said grooves, said portion forming a sealing surface of said seal.

12. (original) A method according to claim 10, wherein said first gate is connected to a portion of each of said grooves, said portion not forming a sealing surface of said seal.

13. (original) A method according to claim 9, wherein said step of holding said separator body between said first mold and said second mold includes supporting at least one side of said separator body by a support fixture.